

WHAT IS CLAIMED IS:

1. A method implemented in a computer system for dynamically generating the status of a numeric system comprising the steps of:

generating at least one first inflow object having an initial value and properties;

generating at least one first account object having an initial value and properties;

generating at least one first pipe object which defines a first mathematical relationship between said at least one inflow object and said at least one first account object;

generating an adjusted value for said first inflow object based on at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, said first account object initial value, said first account object properties, and said first mathematical relationship; and

generating an adjusted value for said first account object based on at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, said first account object initial value, said first account object properties, and said first mathematical relationship.

2. The method of claim 1, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is generated when an event object fires.

3. The method of claim 1, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated when an event object fires.

4. The method of claim 1, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is generated when a monitor object fires.
5. The method of claim 1, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated when a monitor object fires.
6. The method of claim 1, further comprising the step of :
generating at least one first variable object having a value and properties.
7. The method of claim 6, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is generated based on at least one member of the group consisting of said first variable object value and said first variable object properties.
8. The method of claim 6, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated based on at least one member of the group consisting of said first variable object value and said first variable object properties.
9. The method of claim 6, wherein said at least one first variable object comprises at least two first variable objects.

10. The method of claim 9, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is generated based on at least one member of the group consisting of the value and properties of one of said first variable objects and wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated based on the value and properties of a second one of said first variable objects.

11. The method of claim 6, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when an event fires.

12. The method of claim 6, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is altered when an event fires.

13. The method of claim 6, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when a monitor fires.

14. The method of claim 6, wherein said at least one member of the group consisting of said first variable object value and said first variable object properties is altered when a monitor fires.

15. The method of claim 1, further comprising the step of:

altering said relationship defined by said first pipe object when an event object fires.

16. The method of claim 1, further comprising the step of:

altering said relationship defined by said at least one first pipe object when a monitor object fires.

17. The method of claim 1, further comprising the step of:

generating a first supplementary pipe object defining a supplementary first mathematical relationship between said first inflow object and said first account object when a monitor object fires.

18. The method of claim 1, wherein said at least one first inflow object comprises at least two first inflow objects.

19. The method of claim 1, wherein said at least one first account object comprises at least two first account objects.

20. The method of claim 1, wherein said at least one first pipe object comprises at least two first pipe objects, each of said at least two first pipe objects defining a mathematical relationship between said at least one first inflow object and said at least one first outflow object.

21. The method of claim 1, further comprising the steps of:

generating at least one first outflow object having an initial value and properties;

generating at least one second pipe object which defines a second mathematical relationship between said at least one account object and said at least one first outflow object;

adjusting said adjusted value for said first account object based on at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said second mathematical relationship to generate a second adjusted value for said first account; and

generating a first adjusted value for said first outflow object based on at least one member of the group consisting of said first account object second adjusted value, said first account object properties, said first outflow object initial value, said first outflow object properties, and said second mathematical relationship.

22. The method of claim 21, further comprising the steps of:

generating at least one second outflow object having an initial value and properties;

generating at least one third pipe object which defines a third mathematical relationship between said at least one first inflow object and said at least one second outflow object;

adjusting said first inflow object adjusted value based on at least one member of the group consisting of said second outflow object initial value, said second outflow object properties, and said third mathematical relationship to generate a third adjusted value for said first inflow object; and

generating an adjusted value for said second outflow object based on at least one member of the group consisting of said first inflow object adjusted value, said first inflow object properties, said second outflow object initial value, said second outflow object properties, and said third mathematical relationship.

23. The method of claim 21, wherein said at least one first outflow object comprises at least two first outflow objects.

24. The method of claim 21, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated when an event object fires.

25. The method of claim 21, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated when a monitor object fires.

26. The method of claim 21, further comprising the step of:
altering said relationship defined by said at least one second pipe object when an event object fires.

27. The method of claim 21, further comprising the step of:
altering said relationship defined by said at least one second pipe object when a monitor object fires.

28. The method of claim 21, further comprising the steps of:
generating at least one second outflow object having an initial value and properties;
generating at least one third pipe object which defines a third mathematical relationship between said at least one first inflow object and said at least one second outflow object;

adjusting said first inflow object adjusted value based on at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said second mathematical relationship to generate a second adjusted value for said first inflow object; and

generating an adjusted value for said second outflow object based on at least one member of the group consisting of said first inflow object adjusted value, said first inflow object properties, said second outflow object initial value, said second outflow object properties, and said third mathematical relationship.

29. The method of claim 28, wherein said at least one second outflow object comprises at least two first outflow objects.

30. The method of claim 28, wherein at least one member of the group consisting of said second outflow object initial value, said second outflow object properties, and said second outflow adjusted value is generated when an event object fires.

31. The method of claim 28, wherein at least one member of the group consisting of said second outflow object initial value, said second outflow object properties, and said one second outflow object adjusted value is generated when a monitor object fires.

32. The method of claim 28, further comprising the step of:
altering said relationship defined by said third pipe object when an event object fires.

33. The method of claim 28, further comprising the step of:
altering said relationship defined by said third pipe object when a monitor object fires.

34. The method of claim 1, further comprising the step of:
displaying an icon representing said at least one first inflow object on a visual display apparatus.
35. The method of claim 34, wherein said at least one first inflow object icon is a passive icon.
36. The method of claim 34, wherein said at least one first inflow object icon is an active icon.
37. The method of claim 34, further comprising displaying said initial value of said at least one first inflow object on a visual display apparatus.
38. The method of claim 34, wherein said at least one first inflow object comprises at least two first inflow objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first inflow objects.
39. The method of claim 34, wherein said at least one first inflow object comprises at least two first inflow objects and said at least two first inflow objects are represented on said visual display by at least one group icon.
40. The method of claim 1, further comprising displaying said initial value of said at least one first inflow object on a visual display apparatus.

41. The method of claim 1, wherein said at least one first inflow object generation step comprises the sub-steps of:

generating a preliminary value for said inflow object; and

adjusting said preliminary value for said inflow object to generate an initial value for said inflow object when an event object fires.

42. The method of claim 1, wherein said at least one first inflow object generation step comprises the sub-steps of:

generating a preliminary value for said inflow object; and

adjusting said preliminary value for said inflow object to generate an initial value for said inflow object when a monitor object fires.

43. The method of claim 1, further comprising the step of:

displaying an icon representing said at least one first account object on a visual display apparatus.

44. The method of claim 43, wherein said at least one first account object icon is a passive icon.

45. The method of claim 43, wherein said at least one first account object icon is an active icon.

46. The method of claim 43, further comprising displaying said adjusted value of said at least one first account object on a visual display apparatus.

47. The method of claim 43, wherein said at least one first account object comprises at least two first account objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first account objects.

48. The method of claim 43, wherein said at least one first account object comprises at least two first account objects and said at least two first account objects are represented on said visual display by at least one group icon.

49. The method of claim 1, further comprising displaying said adjusted value of said at least one first account object on a visual display apparatus.

50. The method of claim 1, further comprising the step of:
displaying an icon representing said at least one first pipe object on a visual display apparatus.

51. The method of claim 50, wherein said at least one first pipe object icon is a passive icon.

52. The method of claim 51, wherein said at least one first pipe object icon is an active icon.

53. The method of claim 50, wherein said at least one first pipe object comprises at least two first pipe objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first pipe objects.

54. The method of claim 50, wherein said at least one first pipe object comprises at least two first pipe objects and said at least two first pipe objects are represented on said visual display by at least one group icon.

55. The method of claim 1, further comprising the step of:
displaying a heterogeneous group icon representing said at least one first inflow object, said at least one first account object and said at least one first pipe object.

56. A method implemented in a computer system for dynamically generating the status of a numeric system comprising the steps of:

generating at least one first account object having an initial value and properties;

generating at least one first outflow object having an initial value and properties;

generating at least one first pipe object which defines a first mathematical relationship between said at least one account object and said at least one first outflow object;

generating an adjusted value for said first account object based on at least one member of the group consisting of said first account object initial value, said first account object properties, said first outflow object initial value, said first outflow object properties, and said first mathematical relationship; and

generating an adjusted value for said first outflow object based on at least one member of the group consisting of said first account object initial value, said first account object properties, said first outflow object initial value, said first outflow object properties, and said first mathematical relationship.

57. The method of claim 56, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated when an event object fires.

58. The method of claim 56, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated when an event object fires.

59. The method of claim 56, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated when a monitor object fires.

60. The method of claim 56, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated when a monitor object fires.

61. The method of claim 56, further comprising the step of :
generating at least one first variable object having a value and properties.

62. The method of claim 61, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated based on at least one member of the group consisting of the value and properties of said first variable object.

63. The method of claim 61, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated based on at least one member of the group consisting of the value and properties of one first variable object.

64. The method of claim 61, wherein said at least one first variable object comprises at least two first variable objects.

65. The method of claim 64, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated based on at least one member of the group consisting of the value and properties of one of said first variable objects and wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated based on the value and properties of a second one of said first variable objects.

66. The method of claim 61, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when an event fires.

67. The method of claim 61, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is altered when an event fires.

68. The method of claim 61, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when a monitor fires.

69. The method of claim 61, wherein said at least one member of the group consisting of said first variable object value and said first variable object properties is altered when a monitor fires.

70. The method of claim 56, further comprising the step of:
altering said relationship defined by said first pipe object when an event object fires.

71. The method of claim 56, further comprising the step of:
altering said relationship defined by said at least one first pipe object when a monitor object fires.

72. The method of claim 56, wherein said at least one first account object comprises at least two first account objects.

73. The method of claim 56, wherein said at least one first outflow object comprises at least two first outflow objects.

74. The method of claim 56 wherein said at least one first pipe object comprises at least two first pipe objects, each of said at least two first pipe objects defining a mathematical

relationship between said at least one first account object and said at least one first outflow object.

75. The method of claim 56, further comprising the step of:

displaying an icon representing said at least one first account object on a visual display apparatus.

76. The method of claim 75, wherein said at least one first account object icon is a passive icon.

77. The method of claim 75, wherein said at least one first account object icon is an active icon.

78. The method of claim 75, further comprising displaying said adjusted value of said at least one first account object on a visual display apparatus.

79. The method of claim 75, wherein said at least one first account object comprises at least two first account objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first account objects.

80. The method of claim 75, wherein said at least one first account object comprises at least two first account objects and said at least two first account objects are represented on said visual display by at least one group icon.

81. The method of claim 56, further comprising displaying said adjusted value of said at least one first account object on a visual display apparatus.

82. The method of claim 56, further comprising the step of:
displaying an icon representing said at least one first outflow object on a visual display apparatus.

83. The method of claim 82, wherein said at least one first outflow object icon is a passive icon.

84. The method of claim 82, wherein said at least one first outflow object icon is an active icon.

85. The method of claim 82, further comprising displaying said adjusted value of said at least one first outflow object on a visual display apparatus.

86. The method of claim 82, wherein said at least one first outflow object comprises at least two first account objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first outflow objects.

87. The method of claim 82, wherein said at least one first outflow object comprises at least two first outflow objects and said at least two first outflow objects are represented on said visual display by at least one group icon.

88. The method of claim 56, further comprising displaying said adjusted value of said at least one first outflow object on a visual display apparatus.

89. The method of claim 56, further comprising the step of:
displaying an icon representing said at least one first pipe object on a visual display apparatus.

90. The method of claim 89, wherein said at least one first pipe object icon is a passive icon.

91. The method of claim 89, wherein said at least one first pipe object icon is an active icon.

92. The method of claim 89, wherein said at least one first pipe object comprises at least two first account objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first pipe objects.

93. The method of claim 89, wherein said at least one first pipe object comprises at least two first pipe objects and said at least two first pipe objects are represented on said visual display by at least one group icon.

94. The method of claim 56, further comprising the step of:
displaying a heterogeneous group icon representing said at least one first account object, said at least one first outflow object and said at least one first pipe object.

95. A method implemented in a computer system for dynamically generating the status of a numeric system comprising the steps of:

generating at least one first inflow object having an initial value and properties;

generating at least one first outflow object having an initial value and properties;

generating at least one first pipe object which defines a first mathematical relationship between said at least one inflow object and said at least one first outflow object;

generating an adjusted value for said first inflow object based on at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, said first outflow object initial value, said first outflow object properties, and said first mathematical relationship; and

generating an adjusted value for said first outflow object based on at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, said first outflow object initial value, said first outflow object properties, and said first mathematical relationship.

96. The method of claim 95, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is generated when an event object fires.

97. The method of claim 95, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated when an event object fires.

98. The method of claim 95, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is generated when a monitor object fires.

99. The method of claim 95, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated when a monitor object fires.

100. The method of claim 95, further comprising the step of :
generating at least one first variable object having a value and properties.

101. The method of claim 100, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is based on at least one member of the group consisting of the value and properties of said first variable object.

102. The method of claim 100, wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated based on at least one member of the group consisting of the value and properties of said first variable object.

103. The method of claim 101, wherein said at least one first variable object comprises at least two first variable objects.

104. The method of claim 103, wherein at least one member of the group consisting of said first inflow object initial value, said first inflow object properties, and said first inflow object adjusted value is generated based on at least one member of the group consisting of the value and properties of one of said first variable objects and wherein at least one member of the group consisting of said first outflow object initial value, said first outflow object properties, and said first outflow object adjusted value is generated based on the value and properties of a second one of said first variable objects.

105. The method of claim 101, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when an event fires.

106. The method of claim 101, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is altered when an event fires.

108. The method of claim 101, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when a monitor fires.

109. The method of claim 101, wherein said at least one member of the group consisting of said first variable object value and said first variable object properties is altered when a monitor fires.

110. The method of claim 95, further comprising the step of:

altering said relationship defined by said first pipe object when an event object fires.

111. The method of claim 95, further comprising the step of:

altering said relationship defined by said at least one first pipe object when a monitor object fires.

112. The method of claim 95, wherein said at least one first inflow object comprises at least two first inflow objects.

113. The method of claim 95, wherein said at least one first outflow object comprises at least two first outflow objects.

114. The method of claim 95, wherein said at least one first pipe object comprises at least two first pipe objects, each of said at least two first pipe objects defining a mathematical relationship between said at least one first inflow object and said at least one first outflow object.

115. The method of claim 95, wherein said at least one first inflow object generation step comprises the sub-steps of:

generating a preliminary value for said inflow object; and

adjusting said preliminary value for said inflow object to generate an initial value for said inflow object when an event object fires.

116. The method of claim 95, wherein said at least one first inflow object generation step comprises the sub-steps of:

generating a preliminary value for said inflow object; and

adjusting said preliminary value for said inflow object to generate an initial value for said inflow object when a monitor object fires.

117. The method of claim 95, further comprising the step of:

displaying an icon representing said at least one first inflow object on a visual display apparatus.

118. The method of claim 117, wherein said at least one first inflow object icon is a passive icon.

119. The method of claim 117, wherein said at least one first inflow object icon is an active icon.

120. The method of claim 117, further comprising displaying said initial value of said at least one first inflow object on a visual display apparatus.

121. The method of claim 117, wherein said at least one first inflow object comprises at least two first inflow objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first inflow objects.

122. The method of claim 117, wherein said at least one first inflow object comprises at least two first inflow objects and said at least two first inflow objects are represented on said visual display by at least one group icon.

123. The method of claim 95, further comprising the step of:

displaying an icon representing said at least one first outflow object on a visual display apparatus.

124. The method of claim 123, wherein said at least one first outflow object icon is a passive icon.

125. The method of claim 123, wherein said at least one first outflow object icon is an active icon.

126. The method of claim 123, further comprising displaying said adjusted value of said at least one first outflow object on a visual display apparatus.

127. The method of claim 123, wherein said at least one first outflow object comprises at least two first inflow objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first outflow objects.

128. The method of claim 123, wherein said at least one first outflow object comprises at least two first outflow objects and said at least two first outflow objects are represented on said visual display by at least one group icon.

129. The method of claim 95, further comprising displaying said adjusted value of said at least one first outflow object on a visual display apparatus.

130. The method of claim 95, further comprising the step of:

displaying an icon representing said at least one first pipe object on a visual display apparatus.

131. The method of claim 95, wherein said at least one first pipe object icon is a passive icon.

132. The method of claim 131, wherein said at least one first pipe object icon is an active icon.

133. The method of claim 131, wherein said at least one first pipe object comprises at least two first pipe objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first pipe objects.

134. The method of claim 131, wherein said at least one first pipe object comprises at least two first pipe objects and said at least two first pipe objects are represented on said visual display by at least one group icon.

135. The method of claim 95, further comprising the step of:

displaying a heterogeneous group icon representing said at least one first inflow object, said at least one first outflow object and said at least one first pipe object.

136. A method implemented in a computer system for dynamically generating the status of a numeric system comprising the steps of:

generating at least one first account object having an initial value and properties;

generating at least one second account object having an initial value and properties;

generating at least one first pipe object which defines a first mathematical relationship between said at least one first account object and said at least one second account object;

generating an adjusted value for said first account object based on at least one member of the group consisting of said first account object initial value, said first account object properties, said second account object initial value, said second account object properties, and said first mathematical relationship; and

generating an adjusted value for said second account object based on at least one member of the group consisting of said first account object initial value, said first account object properties, said second account object initial value, said second account object properties, and said first mathematical relationship.

137. The method of claim 136, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated when an event object fires.

138. The method of claim 136, wherein at least one member of the group consisting of said second account object initial value, said second account object properties, and said second account object adjusted value is generated when an event object fires.

139. The method of claim 136, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated when a monitor object fires.

140. The method of claim 136, wherein at least one member of the group consisting of said second account object initial value, said second account object properties, and said second account object adjusted value is generated when a monitor object fires.

141. The method of claim 136, further comprising the step of :
generating at least one first variable object having a value and properties.

142. The method of claim 141, wherein said first inflow object adjusted value is generated based on at least one member of the group consisting of the value and properties of said first variable object.

143. The method of claim 141, wherein said first account object adjusted value is generated based on at least one member of the group consisting of the value and properties of said first variable object.

144. The method of claim 141, wherein said at least one first variable object comprises at least two first variable objects.

145. The method of claim 144, wherein at least one member of the group consisting of said first account object initial value, said first account object properties, and said first account object adjusted value is generated based on at least one member of the group consisting of the value and properties of one of said first variable objects and wherein at least one member of the group consisting of said second account object initial value, said second account object properties, and said second account object adjusted value is generated based on the value and properties of a second one of said first variable objects.

146. The method of claim 141, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when an event fires.

147. The method of claim 141, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is altered when an event fires.

148. The method of claim 141, wherein at least one member of the group consisting of said first variable object value and said first variable object properties is generated when a monitor fires.

149. The method of claim 141, wherein said at least one member of the group consisting of said first variable object value and said first variable object properties is altered when a monitor fires.

150. The method of claim 136, further comprising the step of:
altering said relationship defined by said first pipe object when an event object fires.

151. The method of claim 136, further comprising the step of:
altering said relationship defined by said at least one first pipe object when a monitor object fires.

152. The method of claim 136, further comprising the step of:

generating a first supplementary pipe object defining a supplementary first mathematical relationship between said first account object and said second account object when a monitor object fires.

153. The method of claim 136, wherein said at least one first account object comprises at least two first account objects.

154. The method of claim 136, wherein said at least one second account object comprises at least two second account objects.

155. The method of claim 136, wherein said at least one first pipe object comprises at least two first pipe objects, each of said at least two first pipe objects defining a mathematical relationship between said at least one first account object and said at least one second account object.

156. The method of claim 136, wherein said at least one first account object generation step comprises the sub-steps of:

generating a preliminary value for said inflow object; and

adjusting said preliminary value for said inflow object to generate an initial value for said inflow object when an event object fires.

157. The method of claim 136, wherein said at least one first account object generation step comprises the sub-steps of:

generating a preliminary value for said inflow object; and

adjusting said preliminary value for said inflow object to generate an initial value for said inflow object when a monitor object fires.

158. The method of claim 136, further comprising the step of:

displaying an icon representing said at least one first account object on a visual display apparatus.

159. The method of claim 158, wherein said at least one first account object icon is a passive icon.

160. The method of claim 158, wherein said at least one first account object icon is an active icon.

161. The method of claim 158, further comprising displaying said adjusted value of said at least one first account object on a visual display apparatus.

162. The method of claim 158, wherein said at least one first account object comprises at least two first account objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first account objects.

163. The method of claim 158, wherein said at least one first account object comprises at least two first account objects and said at least two first account objects are represented on said visual display by at least one group icon.

164. The method of claim 136, further comprising the step of:

displaying an icon representing said at least one second account object on a visual display apparatus.

165. The method of claim 164, wherein said at least one second account object icon is a passive icon.

166. The method of claim 164, wherein said at least one second account object icon is an active icon.

167. The method of claim 164, further comprising displaying said adjusted value of said at least one second account object on a visual display apparatus.

168. The method of claim 164, wherein said at least one second account object comprises at least two first account objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two second account objects.

169. The method of claim 164, wherein said at least one second account object comprises at least two second account objects and said at least two second account objects are represented on said visual display by at least one group icon.

170. The method of claim 136, further comprising displaying said adjusted value of said at least one second account object on a visual display apparatus.

171. The method of claim 136, further comprising the step of

displaying an icon representing said at least one first pipe object on a visual display apparatus.

172. The method of claim 136, wherein said at least one first pipe object icon is a passive icon.

173. The method of claim 172, wherein said at least one first pipe object icon is an active icon.

174. The method of claim 172, wherein said at least one first pipe object comprises at least two first pipe objects and a respective individual icon is displayed on said visual display apparatus for each of said at least two first pipe objects.

175. The method of claim 724, wherein said at least one first pipe object comprises at least two first pipe objects and said at least two first pipe objects are represented on said visual display by at least one group icon.

176. A numeric object having a growth property implemented in a computer system.

177. The numeric object of claim 176, wherein said numeric object comprises an inflow object.

178. The numeric object of claim 176, wherein said numeric object comprises an outflow object.

179. The numeric object of claim 176, wherein said numeric object comprises an account object.

180. The numeric object of claim 176, wherein said numeric object comprises a variable object.

181. A single numeric object comprising a column of cells of a spreadsheet.

182. The numeric object of claim 181, wherein said numeric object is represented on a visual display apparatus by at least one icon.

183. A single numeric object comprising a row of cells of a spreadsheet.

184. The numeric object of claim 183, wherein said numeric object is represented on a visual display apparatus by at least one icon.

185. A method implemented in a computer system for dynamically generating the status of a numeric system comprising the steps of:

generating at least one first numeric object having an initial value and properties;

generating at least one first conditional object; and

generating an adjusted value for said first numeric object based on at least one member of the group consisting of said first numeric object initial value and said first numeric object properties when said at least one first conditional object fires.

186. The method of claim 185, wherein said at least one numeric object comprises an inflow object.

187. The method of claim 185, wherein said at least one numeric object comprises an account object.

188. The method of claim 185, wherein said at least one numeric object comprises an outflow object.

189. The method of claim 185, wherein said at least one numeric object comprises an variable object.

190. The method of claim 185, wherein said at least one conditional object comprises an event object.

191. The method of claim 185, wherein said at least one conditional object comprises a monitor object.

add
aa